

2

0420-04
5-18-01 . 02

OLPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/813,319
DATE: 04/05/2001
TIME: 12:17:59

Input Set : A:\Seqlist.TXT
Output Set: N:\CRF3\04052001\I813319.raw

ENTERED

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7   NUCLEIC ACID MOLECULES ENCODING HUMAN PHOSPHATASE PROTEINS,
8   AND USES THEREOF
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C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/813,319
C--> 12 <141> CURRENT FILING DATE: 2001-03-21
12 <150> PRIOR APPLICATION NUMBER: 09/752,820
13 <151> PRIOR FILING DATE: 2001-01-03
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27 ggccagccgc cgccatgggt gcctacctct cccagcccaa cacgggtgaag tgctccgggg 180
28 acgggggtcgc cgcccgcgc ctgcgcgtgc cctacggctt ctccgccatg caaggctggc 240
29 gcgtctccat ggaggatgct cacaactgta ttcctgagct ggacagtgag acagccatgt 300
30 tttctgtcta cgatggacat ggaggggagg aagtgcctt gtactgtgcc aaatatcttc 360
31 ctgatatcat caaagatcag aaggcctaca aggaaggcaa gctacagaag gctttagaag 420
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37 tcagccagcg tgatgaaat ggggagcttc ggttattgtc atccattgtg gaagagctgc 780
38 tggatcagtg cctggcacca gacacttctg gggatggtag aggtgtgac aacatgacct 840
39 gcatcatcat ttgcttcaag cccgaaaca cagcagagct ccagccagag agtggcaagc 900
40 gaaaactaga ggagggtgct tctactgagg gggctgaaga aaatggcaac agcgacaaga 960
41 agaagaaggc caagcgagac tagcagtcac ccagaccctt gccacctag actgttttct 1020
42 gagccctccg gacctgagac tgagttttgt ctttttctt tagccttagc agtgggtatg 1080
43 aggtgtgcag ggggagctgg gtggttcac tccgcccatt ccaaagaggg ctctccctcc 1140
44 aactgcagc cgggagcttc tgcgtcctt cccagccgcc tctgctcttc gggtcatca 1200
45 ccggttctgt gcctgtgctc tgttggttg gaggaagga ctggcggttc tggtttttac 1260
46 tctgtgaact ttatttaagg acattctttt ttattggcgg ctccatggcc ctgcggcgcg 1320
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53 <213> ORGANISM: Human
55 <400> SEQUENCE: 2
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62 Leu Asp Ser Glu Thr Ala Met Phe Ser Val Tyr Asp Gly His Gly Gly
63          50          55          60
64 Glu Glu Val Ala Leu Tyr Cys Ala Lys Tyr Leu Pro Asp Ile Ile Lys
65 65          70          75          80
66 Asp Gln Lys Ala Tyr Lys Glu Gly Lys Leu Gln Lys Ala Leu Glu Asp
67          85          90          95
68 Ala Phe Leu Ala Ile Asp Ala Lys Leu Thr Thr Glu Glu Val Ile Lys
69          100          105          110
70 Glu Leu Ala Gln Ile Ala Gly Arg Pro Thr Glu Asp Glu Asp Glu Lys
71          115          120          125
72 Glu Lys Val Ala Asp Glu Asp Asp Gly Asp His Phe Tyr Lys Arg Asn
73          130          135          140
74 Lys Asn Leu Pro Pro Glu Glu Gln Met Ile Ser Ala Leu Pro Asp Ile
75 145          150          155          160
76 Lys Val Leu Thr Leu Thr Asp Asp His Glu Phe Met Val Ile Ala Cys
77          165          170          175
78 Asp Gly Ile Trp Asn Val Met Ser Ser Gln Glu Val Val Asp Phe Ile
79          180          185          190
80 Gln Ser Lys Ile Ser Gln Arg Asp Glu Asn Gly Glu Leu Arg Leu Leu
81          195          200          205
82 Ser Ser Ile Val Glu Glu Leu Leu Asp Gln Cys Leu Ala Pro Asp Thr
83          210          215          220
84 Ser Gly Asp Gly Thr Gly Cys Asp Asn Met Thr Cys Ile Ile Ile Cys
85 225          230          235          240
86 Phe Lys Pro Arg Asn Thr Ala Glu Leu Gln Pro Glu Ser Gly Lys Arg
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107 gcctccaag tagctgggat tacaggagcg caccactacg cctgggcta ttttgtattt 180
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109 tccaccacc ccccttgcc tcccaaagt ctgggattac aagtgtgag cactgtgccc 300
110 ggctgaaaag aatcaatttt gtcatagttt ggagaatttc tccttttctc tccatccctt 360
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112 gattccatt gccaccctgc gtggtaccac cttactccca gctcttctca tctcctgctt 480
113 agagtaagag ctctctaact agtagcagtg cccagggcca ggcgcggttg ctcacgcctg 540
114 taatcccagc actttgggag gctgaggcgg gtagatcacg aggtcaggag ttcgagacca 600
115 gcctggccaa catggtgaaa ccccgctctc actaaaaata caaaaattag ccaggcgtgg 660
116 aatcctagct actcgggagg ctgaggcagg agaatcgctt gaacctggga ggcggagggt 720
117 gcagtgaacc aagatagcgc cactgcactg cagcctgggc aacaagagcg aaactctgtc 780
118 ttaaaaaaaa aacaatagta ggcgggggtgc ggtggtctac gcctgtaac ccaacacttt 840
119 gggaggccga ggcggggcga tcacgaggtc aggagatgga gaccatcctg gctaacacgg 900
120 tgaacacctg tctctactaa aaatacaaaa aattagccag gcgtgggtgc gggcgccgtg 960
121 agtcccagct actcgggagg ctgaggcagg agaatggcgt gaacccggga ggcggagctt 1020
122 gtagcctggg cgacagagcg agactctgtc tcaaaaaaca acaaaaaaca acaacacaac 1080
123 agtgcgccag actctctccc tccaatgtac actgcataca aagactagac aaacgatgcc 1140
124 aaagtgtaca ccaggagcac aatgaagtc aagtcactca tcttggcgct tctttttatc 1200
125 aagctagcta gttaatatta ccacttaca tcattctcag agtccagcca gcttctcag 1260
126 aaatcctccc caaatgcagt tcacattctt ccctcactcc tccaaacctt ataacattat 1320
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128 caatcctcca agaaacagct cctcctccca tccttgagct tttccacccc agaataggct 1440
129 gtacaaaaca tttctacatt gtattaaact gaattatata acagatcgag gtcttcgctt 1500
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158 gtttaaccgtg cgtttgtgaa gagcattctg aagtctagtc aaaagggccca gggaaatact 3240
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163 ctgcttttgc tccctttttt tttttttgag acagaatttc gctcttggtg cccaggcttg 3540
164 aatgcaatgg cgcgatctcg gctcaccgca acctccgcct cccagggttg agcaattctc 3600
165 ctgcctcagc ctccatagta gttgggatca caggcatgtg ccaccacgcg tggcttattt 3660
166 tgtattttta gtagagacag ggtttcttca tgtgggtcag gctggtgttg aactcctgac 3720
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207 ttcttttagtg aaagatgata aattttcagt ttttcattat ctgaacatgt ttttatctag 6180
208 cctttgttct gaaaagatgc ttggactcag taccagttc tagattgaca gtttaatttt 6240
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
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L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
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L:478 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3